

SAFONOV, I.V., inzh.; SIN'KOV, M.V., inzh.

Reliability of the electrical machines of automatic control
systems. Energ. i elektrotekh. prom. no.3:21-23 J1-S '65.
(MIRA 18:9)

1. SAFONOV, I. N.

2. USSR (600)

4. Afforestation

7. Let us guarantee high quality in our work. Les. khoz 5 no. 10: 1952

9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

SAFONOV, I.N., kapitan

Care of a Communist Youth League Organization in training
of rated specialists. Vest. protivovozd, obor. no.6:43-45
Je '61. (MIRA 14:8)

(Military education)

SAFONOV, I.T.

Safonov, I.T. "Capturing the young of commercial fish by seal casting nets in the Azov-Kuban fishery region," Trudy Rybovodno-biol. laboratorii Azcherrybvoda, Issue 1, 1949, p. 131-49, -Bibliog: 6 items

SO: U-5241, 17 December 1953, (Letopis 'zhurnal 'nykh Statey No. 26, 1949).

12(2)

SOV/113-59-7-14/19

AUTHOR: Safonov, K.D.

TITLE: High-Frequency Hardening of Synchronizer Rings

PERIODICAL: Avtomobil'naya promyshlennost', 1959, Nr 7, pp 37-38
(USSR)

ABSTRACT: The author describes two high-frequency inductors, shown in Figures 2 and 3, which are used at the Yaroslavl' Engine Plant for hardening synchronizer rings of the transmissions of YaMZ-204 and YaMZ-206 engines. Selected "45" steel is used instead of 15KhF steel. About 30% of the rejects were eliminated and the production cost was cut by 50%. There are 3 diagrams.

ASSOCIATION: Yaroslavskiy motornyy zavod (Yaroslavl' Engine Plant)

Card 1/1

SAFONOV, K.N., inzh.

Manufacture of reinforced concrete ties must be made cheaper.
Put' i put. khoz. no.6:10-11 Je '59. (MIRA 12:10)
(Railroads--Ties, concrete)

SAPOZHNIKOV, E. YE.

Peat Industry

Creativ concord of workers of science and of the peat industry. Torf. prom. 29
no. 5, 1952

9. MONTHLY LIST OF RUSSIAN ACCESSIONS, Library of Congress, August, 1952. Uncl.

SAFONOV, K. YE.

Peat Industry

Tasks of the All-Union Scientific Research Institute of the Peat Industry for the new five-year plan period. Torf. prom. 30, No. 4, 1953.

SO: Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

SAFONOV, K.Ie., laureat Stalinskoy premii.

Creative cooperation of workers in science and the peat industry.
Torf.prom. 31 no.4:1-3 '54. (MLRA 7:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy promyshlennosti.
(Peat industry)

SAFONOV, K. Ye.

Some shortcomings in the work of the All-Union Research Institute
for the Peat Industry. Torf.prom.32 no.5:11-14 '55. (MIRA 8:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy pro-
myshlennosti

(Peat industry)

DUNAYEV, V.Ya., inzh.; SAFONOV, K.Ye., inzh.

Technical and economic indices for the winning of milled peat using various degrees of mechanization. Torf.prom. 35 no.2:13-16 '58.

(MIRA 11:5)

1. Leningradskoye gorodskoye otdeleniye Gosudarstvennogo instituta po proyektirovaniyu promyshlennykh predoriyatiy po pererabotke i dobyche torfa.

(Peat)

SAFONOV, K.Ye., inzh.

Economic effectiveness of new technological systems and new machines for the preparation and maintenance of fields for winning milled peat. Torf.prom. 37 no.6:27-30 '60.

(MIRA 13:9)

(Peat industry)

(Peat machinery)

SAFONOV, K.

Scientific and technical conference on peat use in agriculture.
Torf.prom. 39 no.3:33-34 '62. (MIRA 15:4)
(Peat) (Agriculture)

SOKOLOV, A.A.; PETRENKO, F.F.; KOVALEV, V.F.; YELISEYEV, M.A.;
ROZENPLENTER, N.F.; YANCHUKOVICH, A.E.; CHUBAROV, N.D.; KONTSEVOY,
N.S.; PREOBRAZHENSKIY, V.A.; BOCHAROV, M.S.; KASHCHEYEV, G.G.;
SELENNOV, G.V.; SAFONOV, K.Ye.; FUNIKOV, S.A.; RASKIN, G.I.;
RABKIN, B.M.

Vadim Konstantinovich Gutsunaev; obituary. Torf.prom. 39
no.3:37 '62. (MIRA 15:4)
(Gutsunaev, Vadim Konstantinovich, 1914-1942)

KUDIMOV, Leonid Petrovich, inzh.; KUSKOV, Yuriy Danilovich, inzh.;
SAFONOV, Konstantin Yevgen'yevich, inzh.; SOKOLOV, I.D.,
red.; BUL'DYAYEV, N.A., tekhn. red.

[Mechanizing the preparation of peat deposits for winning
peat] Mekhanizatsiia podgotovki torfianykh mestorozhdenii dlia
dobychi torfa. Moskva, Gosenergoizdat, 1962. 350 p.
(MIRA 16:4)

(Peat industry—Equipment and supplies)

GLADKOVA, E.S., kand. tekhn. nauk; SAFONOV, L.M., inzh.

Using cyclone principle in technological processes. Izv.
vys. ucheb. zav.; mashinostr. no.10:150-156 '63.

(MIRA 17:3)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni
Baumana.

S/103/62/023/010/004/008
D201/D308

0.2500
AUTHOR: Safonov, L. N. (Moscow)

TITLE: Theory of inductosin

PERIODICAL: Avtomatika i telemekhanika, v. 23, no. 10, 1962,
1334-1342

TEXT: The author considers the equipment circuit of inductosin and derives the expression for the output voltage as a function of the angle of rotation and of basic inductosin parameters. The equivalent circuit is shown to represent a long transmission line with distributed constants, the series elements in the upper and lower lines being the secondary and primary winding resistances and inductances and the shunting elements consisting of the capacitive interwinding coupling and of mutual inductance per unit length of the 'rectilinear' winding respectively. The analysis of this equivalent circuit is carried out under the assumptions that the transducer is not loaded and that the primary current is constant. The analysis shows that the mutual inductance, as a function of the angle of rotation,

Card 1/2

Theory of inductosin

S/103/62/023/010/004/008
D201/D308

is a periodic function formed by odd harmonics. The interwinding capacitance, although small, has to be taken into consideration when an accuracy of 5 - 10 angular seconds is required. An expression for the maximum error due to the neglect of this capacitance, is given in terms of the transducer parameters. The transducer design parameters are stated to be a compromise between the magnitude of the output voltage and accuracy and are based on data published in the literature. A numerical example of design is given. There are 6 figures. ✓
B

SUBMITTED: February 27, 1962

Card 2/2

GALTEYEV, F.F., kand. tekhn. nauk, dotsent; SAFONOV, L.N., inzh.;
YEREMENKO, V.G., inzh.

Contactless small servo system with a high-speed magnetic
amplifier. Trudy MEI no.39:303-310 '62. (MIRA 17:6)

SAFONOV, L.V., inzh.

Possibilities of using the seismometric method of measuring vibrations for the control of certain parameters of blasting operations. Vzryv. delo no.54/11:230-234 '64.

(MIRA 17:9)

1. NIIKMA.

SAFONOV, L.V., gornyy inzh.

Influence of the blasting sequence of borehole charges
on the intensity of the seismic effect. Gor. zhur. no.10:
56-57 O '65. (MIRA 18:11)

1. Institut NIIKMA.

SAFONOV, M.

Machine operators discuss the report of the workers' committee.
Sov.profsoiuzy 4 no.12:39-42 D '56. (MIRA 10:1)

1. Sekretar' partorganizatsii Shilovskoy Mashinno-traktornoy stantsii
Ryazanskoy oblasti.
(Ryazan Province--Machine-tractor stations)(Trade unions)

SAFONOV, M. (Perm')

This problem should be solved. Pozh. delo 5 no.5:26 My '59.
(MIRA 12:6)

(Pumping machinery)

SAFONOV, M.; PROTSANOV, G.

Our complaints against the Novotorzhskiy Plant. Pozh.delo
5 no.12:26-27 D '59. (MIRA 13:4)
(Fire departments—Equipment and supplies)

GAZETOV, V.; SAFONOV, M.

Pumps mountable under fire-engine wheels are manufactured in Perm'. Pozh.delo 6 no.6:22-23 Je '60. (MIRA 13:7)

1. Nachal'nik Upravleniya pozharney okhrany Permskogo oblispolkoma (for Gazetov).
 2. Nachal'nik otдела Upravleniya pozharney okhrany Permskogo oblispolkoma (for Safonov).
- (Perm'--Pumping machinery) (Fire engines)

SAFONOV, M.

Enthusiasts. Pozh.delo 8 no.12:29-30 D '62. (MIRA 16:1)

1. Inspektor okhrany predpriyatiy Zaporozhskogo soveta narodnogo
khozyaystva.
(Zaporozh'ye Province--Fire extinction--Societies, etc.)

SA GUY, S. W.

Originals. Max. Kozhva, Gos. izd-vo sel'skhoz. lit-ry, 1954. 31p. (Biblioteka
kolkhoznika)

SAFONOV, M. G.

Yes'man, I. G., Tochilov, V. I. and Safonov, M. G. "Some data on siphon conductors of the 2nd Baku water-supply line," Izvestiya Akad. nauk Azervaydzh. SSR, 1948, No. 9, p. 9-14 - Resume in Azerbaydzhian language

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh SSatey, No. 5, 1949).

SAFONOV, M.S.; GOMSHKOV, V.I.

Ion exchange dynamics in the filtration of a solution containing
two cations through cation exchanges in a composite form.

Zhur. fiz. khim. 39 no.5:1251-1253 My '65. (MIRA 18:8)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.

SAFONOV, M.S.

Contribution to the theory of sorption dynamics under conditions
of steady-state front formation. Zhur. fiz. khim. 39 no.8:
1982-1988 Ag '65. (MIRA 18:9)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova,
khimicheskiy fakul'tet.

SAFONOV, M.S.

Solving the problem of ion-exchange dynamics in the case of the filtration of a solution containing two cations through a cation exchanger of a mixed form. Zhur. fiz. khim. 39 no.9:2308-2310 S '65. (MIRA 18:10)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.

SAFONOV, M.S.; GORSHKOV, V.I.

Particular features of the dynamics of ion exchange on highly swelling ion exchangers. Zhur. fiz. khim. 39 no.11:2714-2719 N '65. (MIRA 18:12)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.

SAFONOV, N.

Workers of the Manturovo logging camp are using new methods.
Mast.lesa no.5:4-5 My '57. (MIRA 10:10)

1.Nachal'nik proizvodstvennogo otdela Manturovskogo lespromkhoza,
Kostromskaya oblasti'.
(Manturovo District--Lumbering)

SAFONOV, N.

"An opinion on the division of projectiles."

p. 767 (Vojno-Tehnicki Glasnik) Vol. 5, no. 10, Oct. 1957
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

SAPONOV, N.

Track work equipment mounted on the ET-251 excavator. Zhi.-kom.
khoz. 8 no.2:17 '58. (MIRA 11:2)

1. Glavnyy mekhanik stroitel'noy sluzhby Tramvayno-trolleybusnogo
upravleniya Leningradskoy oblasti.
(Railroads--Track)

SAFONOV, N., polkovnik; TIMOSHEVSKIY, N., podpolkovnik

Improve trade facilities for soldiers. Tyl i snab.Sov.Voor.Sil
21 no.3:50-53 Mr '61. (MIRA 14:6)
(Russia—Army—Commissariat)

SAFONOV, N.A. inzhener; BELYACHKOV, S.M.

Attachment for the stump-pulling crane to overcome frozen ground on
hydropat fields. Terf.prom.33 no.6:36 '56. (MLBA 9:10)

1. Terfopredpriyatiye Chisteye.
(Cranes, derricks, etc.) (Frozen ground)

PETROV, B.A., kand.tekhn.nauk; YURGANOV, N.N., kand.tekhn.nauk;
YEL'TSOV, Ye.V., inzh.; BOLDYSHEVA, N.I., inzh.; FRAYMAN, L.S.,
inzh.; SAFONOV, N.A., inzh.

Pneumatic method of feeding into a kiln beyond a continuous
curtain of dust caught by electric filters. TSement 30
no. 2:17-19 Mr-Ap '64. (MIRA 17:5)

1. Vsesoyuznyy gosudarstvennyy nauchno-issledovatel'skiy i
proyektnyy institut tsementnoy promyshlennosti i Yemanzhelinskiy
tsementno-shifernyy kombinat.

LEMPERT, Ye.N., inzh.; SAFONOV, N.A.; GLUSHKOV, P.S.

Machine for collecting small stubs. Torf. prom. 38 no.7:7-9
'61. (MIRA 14:12)

1. Torfopredpriyatiye Chistoye, Gor'kovskogo sovnarkhoza.
(Peat machinery)

LEMPERT, Ye.N., inzh.; SAFONOV, N.A., inzh.

New machine for the loading of stumps from the shaft. Torf.
prom. 40 no.4:13-16 '63. (MIRA 16:10)

1. Torfopredpriyatiye Chistoye Gor'kovskogo soveta narodnogo
khozyaystva.

(Peat machinery)

SAFONOV, M. A.

"Characteristics of the Auditory Analysor of Horses by the Method of Conditioned Reflexes." Card Biol Sci, Moscow Veterinary Academy, Moscow, 1953. (RZhBiol, No 4, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (14)

SAFONOV, N.A.

Effect of castration on the higher nervous function in horses.
Fiziol.zhur.41 no.5:620-624 S-O '55. (MLRA 8:12)

1. Kafedra fiziologii Sel'skokhoziaistvennykh zhiivotnykh
Moskovskoy veterinarnoy akademii.

(CASTRATION, experimental,

eff. on higher nervous funct. in horses)

(CENTRAL NERVOUS SYSTEM, physiology,

eff. on castration on higher nervous funct. in horses)

USSR / Human and Animal Physiology. Nervous System.

T-10

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3877

Author : Safonov, N. A.

Inst : AS USSR

Title : Characteristics of the Auditory Analysor in Horses by
the Method of Conditioned Reflexes

Orig Pub : V sb.: Vopr. fiziol. s.-kh. zhivotnykh. M. L., AN SSSR,
1957, 74-78

Abstract : No abstract given

Card 1/1

USSR / Human and Animal Physiology. Nervous System.

T-10

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3871

Author : Safonov, N. A.

Inst : Moscow Academy of Veterinary Medicine

Title : Methods of Studying Higher Nervous Activity in Horses

Orig Pub : Tr. Mosk. vet. akad., 1957, 20, 88-94

Abstract : Higher nervous activity in horses is studied chiefly by the motor-food and motor-defense methods. The latter method is preferred because of its simplicity and the possibility to record magnitude and character of the reactions exactly. It requires 3 - 7 conjunctions to develop a conditioned defense reaction in horses. Development of the differentiation requires 8 - 12 stimuli. It is recommended that reinforcement be offered regularly, 5 seconds after the conditional signal comes into action, by means of a short discharge or

Card 1/2

USSR / Human and Animal Physiology. Nervous System.

T-10

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3876

Author : Safonov, N. A.

Inst : Moscow Academy of Veterinary Medicine

Title : Pertaining to the Characteristic of the Auditory
Analysor of the Horse

Orig Pub : Tr. Mosk. vet. akad., 1957, 20, 94-99

Abstract : In the process of formation of a motor-defense reaction to conditioned sound stimuli in 12 horses, it was found that horses have the capacity to perceive sounds ranging from 21 - 21000 vibrations; that they have means of differentiating M_{96} in 1 minute from M_{100} , a tone of 1015 from one of 1000 vibrations, successive sound complexes of ascending pitch from descending as well as between sounds of various timbre, or differing in intensity by 1 - 1.5 db. The fine differentiation was

Card 1/2

USSR / Human and Animal Physiology. Nervous System.

T-10

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3880

Author : Safonov, N. A.

Inst : Moscow Academy of Veterinary Medicine

Title : A Case of Experimental Neurosis in a Horse

Orig Pub : Tr. Mosk. vet. akad., 1957, 20, 99-104

Abstract : A typical picture of severe neurosis was observed in a horse when persistent attempts were made to work out a differentiation in a tone of 1,015 variations, in the presence of a defense reaction to a tone of 1,000 variations and a differentiation in 1,020. Utilization of the horse for normal work was not possible for a month. Six months later, it was not possible to elicit a differentiation in the animal (by metronome and bell). The external behavior became re-established in the course of a year, but even coarse differentiations could only be worked out with difficulty. -- K. S. Ratner

Card 1/1

YURGANOV, N.N.; SAFONOV, N.A.; FEDULOVA, V.V.

Relation of clinker quality to the return of recovered dust to the kiln.
TSement 29 no.1:10-11 Ja-F '63. (MIRA 16:2)

1. Gosudarstvennyy institut po ~~proyektirovaniyu~~ ~~predpriyatiy~~ i
nauchno-issledovatel'skim ~~rabotam~~ tsementnoy ~~promyshlennosti~~.
(Cement clinkers)

BELOZOROV, N.P.; IL'IN, V.G., kand. tekhn. nauk; SAFONOV, N.A.;
ORLOVA, V.P., red.; DEYEVA, V.M., tekhn. red.

[Boring] Burovnoe delo. Moskva, Sel'khozizdat, 1963. 269 p.
(MIRA 16:7)

1. Kafedra vodosnabzheniya Ukrainskogo instituta inzhenerov
vodnogo Khozyaystva (for Belozorov, Il'in, Safonov).
(Boring)

YELISEYEV, M.Ya., kand. tekhn. nauk (Rovno); SAFONOV, N.A., inzh. (Rovno)

Regulators of filtration rates for slow filters. Gidr. i mel. 16 no.
8:31-34 Ag '64. (MIRA 17:10)

L 23118-66

ACC NR: AP5023544 (A) SOURCE CODE: UR/0327/65/000/008/0014/0016

AUTHOR: Safonov, N. A. (Engineer, Rovno)

15
B

ORG: none

TITLE: Siphon filtration equipment for non-reagent water treatment

SOURCE: Vodosnabzheniye i sanitarnaya tekhnika, no. 8, 1965, 14-16

TOPIC TAGS: water supply system, water purification, water purification equipment

ABSTRACT: The water treatment installation designed in 1962-64 at the Ukrainian Institute of Hydraulic Engineers comprises a siphon filtration system provided with automatic reversing for washing the filter. Filtration through the 700 mm layer of 0.5-1 mm silica sand supported on a bed of gravel and coarse sand reduced the iron content from 2-2.2 mg/l to 0.03-0.16 mg/l at filtration rates of 6-12 m/hr. The valve in the clean water outlet may also be manually operated to wash the filter. The installation may contain several filters. This automatic process may be used for aerating and removing iron from clean underground water. It was also tested in Lutz for preliminary clarification of surface water to remove up to 85% of the suspended material prior to filtration

Card 1/2

UDC: 628.163:663.631

L 23118-66

ACC NR: AP5023544

through slow filters. Orig art. has: 3 figures.

SUB CODE: 13/ SUBM DATE: none/ SOV REF: 004

Card 2/2 BLG

SAFONOV, N. F.

Sables

Greater attention to raising sables on state farms. Kar. i zver., 5, No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

AMIRDZHANOV, G.N., ekonom. ; IOLNESYAN, Z.A., ekonom. ; SAFONOV, N.I.,
red.; LUKOMNIK, G.I., tekhn. red.

[Reference book and rate list for basic building, industrial and
accessory materials for technical and industrial purposes;
instruments and automotive spare parts in 1950 prices; for the
purposes of the lowering of prices as of July, 1950] Spravochnik-
tsennik na osnovnye stroitel'nye, tekhnicheskie i vspomogatel'nye
materialy proizvodstvenno-tekhnicheskogo naznachenia, instrumenty
i avtozapchasti v tsenakh 1950 goda; s uchetom snizhenia tsen s
1 iulia 1950 goda. Baku, Izd. "Bakgorspravki." Vol.2. Pt.1.
1950. 621 p. (MIRA 14:9)

(Building materials--Prices)

SAFONOV, N. S.

Terracing

Use of machinery in terracing mountain slopes, Les. khoz. 6, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

SAFONOV, N.S.

[Concise instructions for planting trees on plowed land under irrigation and dry farming] Kratkie ukazaniia po proizvodstvu posadki lesa pod plug na polivnykh i bogarnykh zemliakh. Tashkent, 1953. 8 p. (MIRA 11:4)

(Tree planting)

SHAPIRO, Mikhail Semenovich; SMIRNOV, Mikhail Prokof'yevich;
SAFONOV, N.T., inzh., retsenzent; BERZON, E.M., kand.
tekhn. nauk, red.; FOMICHEV, A.G., red. izd-va;
SHCHETININA, L.V., tekhn. red.

[Equipment for asbestos-cement production] Oborudovanie as-
bestotsementnogo proizvodstva. Moskva, Gos. nauchno-tekhn.
izd-vo mashinostroit. lit-ry, 1961. 155 p. (MIRA 15:3)
(Asbestos cement)

POPOV, P.I.; SAFONOV, N.Ye.

Some features of a ring modulator using silicon diodes. Avtom.
i telem.; sbor. st. no.2:34-38 '62. (MIRA 15:9)
(Electronic circuits) (Modulation (Electronics))

S/803/62/000/003/005/012
D201/D308

AUTHOR: Safonov, N.Ye.

TITLE: An a.c. amplifier circuit with reserve equipment connected through the anode circuit

SOURCE: Moscow. Inzhenerno-fizicheskiy institut. Avtomatika i telemekhanika, no. 3, 1962. Sistemy upravleniya yadevnymi energeticheskimi ustanovkami, 35-38

TEXT: The author discusses the operation and design of an amplifier working at a frequency of 1 Kc/s and having three double triode amplification stages. The method of connection of the triode halves makes it possible to introduce standby stages in case of failure of anode, grid and heater circuits. The anode leads are inductances without core gaps, which permit the use of lower anode voltages and to operate the tubes without cathode resistors. If one half of a triode in any or all stages fails, the gain is little affected and the amplifier reliability is increased. The inductance design is given for a XBP (KhVP) core. There are 4 figures.

Card 1/1

ACCESSION NR: AT3012185

S/2963/63/000/005/0058/0062

AUTHORS: Krashennnikov, I. S.; Safonov, O. A.; Yefimchik, R. S.

TITLE: Input unit for multichannel registration with parallel address selection

SOURCE: Mnogokanal'nyye izmeritel'nyye sistemy* v yadernoy fizike: Nauchno-tekhnicheskiy sbornik. Moscow, no. 5, 1963, 58-62

TOPIC TAGS: number to code converter, parallel converter, sequential converter, address unit, address register, pickup matrix, binary flipflop

ABSTRACT: This input unit converts a pickup number into a digital code. It is shown that a parallel type converter is preferred to a sequential type because of its higher speed. Such a converter can be easily combined with the address unit of the recording equipment, provided the elements of the address register are binary flipflops.

Card 1/42

OTHER: 000

SAFONOV, P.

AID P - 418

Subject : USSR/Aeronautics
Card 1/1 Pub. 135, 14/17
Author : Safonov, P., Lt. Col. Engineer
Title : ~~Aircraft - Carriers of Atomic Bombs and their Utilization~~
(Review of the foreign press)
Periodical : Vest. vozd. flota, 9, 78-84, S 1954
Abstract : The author describes several USA aircraft and gives their
general specifications. Photos.
Institution : None
Submitted : No date

AID P - 225⁴

Subject : USSR/Aeronautics

Card 1/1 Pub. 135 - 18/19

Authors : Safonov, P., Lt. Col. Eng., and Andreyev, T., Lt.Col.Eng.

Title : ~~Training of a strategic bomber crew~~ (According to the foreign press)

Periodical: Vest. vozd. flota, 7, 91-94, J1 1955

Abstract : The authors review and comment on several articles on the above subject which appeared in the American and British press.

Institution: None

Submitted : No date

SAFONOV, P.

Airplanes which carry atomic bombs. p. 14.
ZA RODINATA, Sofiya, Vol. 6, no. 4, Apr. 1956.

SJ: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956,
Uncl.

SAFONOV, P.

Overcoming the stereotype. Prof.-tekh. obr. 19 no.6:13-14
Ja '62. (MIRA 15:7)

1. Direktor zheleznodorozhnogo uchilishcha No.1 g. Buy,
Kostromskaya obl.

(Teaching)

GUBAYDULLIN, Mansur Sadykovich, kand. ekonom.nauk; SAFONOV, Petr Fedorovich;
MAKAROVA, K.G., red.; RAKHMATULLINA, R.Kh., tekhn. red.

[Monetary wages and collective-farm economics] Denezhmaia oplata truda i ekonomika kolkhozov. Ufa, Bashkirscoe knizhnoe izd-vo, 1961. 82 p.
(MIRA 14:12)

1. Sekretar' rayonnogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza (Safonov).

(Collective farms—Income distribution)

SAFONOV, P.V., inzhener

F-105 fighter. Vest.Vozd.Fl. no.3:91-92 Mr '61. (MIRA 14:6)
(United States--Fighter planes)

SAFONOV, P.V., inzh.

English fighter plane, "Lightning" R.IB. Vest. Vozd. Fl.
no:5:93-94 My '61. (MIRA 14:8)
(Great Britain--Airplanes, Military)

SOKOLOV, Dmitriy Yakovlevich. Prinimal uchastiye YUSEMANOV,
Yu.L., kand. tekhn. nauk; SAFONOV, P.V., red.

[Use of water power] Ispol'zovanie vodnoi energii. Mo-
skva, Kolos, 1965. 445 p. (MIRA 18:10)

SAFONOV, S.

Rendering apparatus

Magnetic shute for removing metallic admistures from crackling. Mias.
ind. SSSR, 23 no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 195~~8~~₂, Uncl.

1. S. SAFONOV, S. M. KIROVA

2. USSR (600)

4. Oils and Fats

7. Industrial fat from sewage water. Mias.ind. SSSR 23 no. 6, 1952

9. Monthly List of Russian Accessions. Library of Congress. March 1953. Unclassified.

SAFONOV, S., inzhener.

Receiving and sorting table for by-products. Mias.ind. SSSR 24
no.6:20-21 '53. (MIRA 6:12)

1. Leningradskiy myasokombinat.
(Meat industry--By-products)

SAFONOV, S., inzhener.

Better equipment for by-product shops. Mias.ind.SSSR 25 no.2:40-41 '54.
(MLRA 7:5)

1. Leningradskiy myasokombinat. (Meat industry--By-products)

SAFONOV, S.

SAFONOV, S., inzhener.

Double operation washing cylinder for cleaning animal residues. Miss.
Ind. SSSR. 25 no.3:53-54 '54. (MLRA 7:7)

1. Leningradskiy myasokombinat.
(Meat industry--By-products)

SAFONOV, S.

SAFONOV, S., inzhener [reviewer]; GAGARIN, A., [reviewer].

A valuable manual ("Handbook on production of by-products in meat packing combines." S.G.Liberman, V.P.Petrovskii. Reviewed by S.Safonov, A. Gagarin). Mias. Ind. SSSR. 25 no.3:64 '54. (MLRA 7:7)

1. Leningradskiy myasokombinat (for Safonov & Gagarin)
(Meat industry--By-products) (Liberman, S.G.) (Petrovskii, V.P.)

SAFONOV, S., inzhener.

Operation of MPE-4 presses. Mias.ind. SSSR 26 no.1:57 '55.
(MIRA 8:5)

1. Leningradskiy myasokombinat.
(Extraction apparatus)

SAFONOV S.

✓ Production of albumin from blood. S. Safonov (Meat Combine, Leningrad). *Mysnaya Ind.* S.S.S.R. 27, No. 2, 11-13(1956). — Fresh blood of young cattle contains less dry substance (12-14%) than that of the older and well-fed animals (18-19%); the blood of pigs contains about 1-2% dry substance more than the cattle blood. Under unfavorable conditions much of the serum albumin (I) produced from the blood is lost by the pptn. with the fibrin. Sodium pyrophosphate (II) added to the blood in the amt. of 2.5 kg./ton blood (as hot aq. 10% II soln.) or sinantrin (143 g./ton blood, as 2% aq. soln.) stabilize the blood and increase the yield of I to 13%. The I preps. obtained by using these blood stabilizers contained sol. protein 88.1 and 82.3, moisture 7.0 and 7.6, and fat 0.35 and 0.26%, resp. For industrial use II was prepd. by heating Na_2HPO_4 at 160-80° with infrared lamps (loss of wt. of Na_2HPO_4 was 76%).

E. Wierbicki

SAFONOV, S.

Med Improved fat extraction from bones. S. Matrova and
S. Safonov. *Myasnaya Ind. S.S.S.R.* 27, No. 5, 34-5
(1950).—Bones freed from external fat were heated to 60-
70° and then hot centrifuged for 2-3 min. with a Russian-
made "TsFL-2-25 industrial centrifuge" to facilitate the
fat extn. Cattle bones yield 4.2-8.7% fat by the method.
Solid particle removal was by salting (1-2% NaCl) and
settling 6 hrs. at 00-5°.

E. Wierlicki

2

LIBERMAN, S., inzhener; SAFONOV, S., inzhener.

New developments in manufacturing technical equipment. Mias.
ind.SSSR 28 no.4:17-18 '57. (MIRA 10:7)
(Packaging industry) (Centrifuges)

SAFONOV, S

BELEN'KIY, N., akademik; KRYLOVA, N.; LIBERMAN, S.; POZHARISKAYA, L.;
SAFONOV, S., inzh.

Stabilizing industrial blood on the beef conveyer line. Mias. ind.
SSSR 28 no.5:27-28 '57. (MIRA 11:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promysh-
lennosti (for Belen'kiy, Krylova, Pozhariskaya). 2. Leningradskiy
myasokombinat (for Safonov).

(Slaughtering and slaughterhouses)
(Blood) (Synanthrin)

SAFONOV, S.; BUROVA, O.; DONTSOVA, M.

Modernizing the technology of salting hides. Mias.ind.SSSR 31
no.3:24 '60. (MIRA 13:9)

1. Leningradskiy myasokombinat.
(Skins and hides)

SAFONOV, S.

Insufficient number of copies ("Blood of slaughter cattle and its processing" by L.Pozhariskaia, S.Liberman, V.Gorbatov. Reviewed by S.Safonov). Mias.ind.SSSR 32 no.2:52-53 '61. (MIRA 14:7)
(Blood as food or medicine) (Pozhariskaia, L.)
(Liberman, S.) (Gorbatov, V.)

MAKSIMOVA, N.; SAFONOV, S.; DRONOV, V.

"Manual on the manufacture of nonfood products in meat combines"
by S.Liberman, V.Petrovskii. Reviewed by N.Maksimova,
S.Safonov, V.Dronov. Mias.ind.SSSR 32 no.6:59 '61.

(MIRA 15:2)

(Meat industry--By-products)
(Liberman, S.) (Petrovskii, V.)

GORBATOV, V.; LIBERMAN, S.; POZHARISKAYA, L.; SAFONOV, S.; SKRYPNIK, A

Continuous action apparatus for drying steamed bones. Mias.ind.
SSSR 33 no.2:18-20 '62. (MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti (for Gorbatov, Liberman, Pozhariskaya).
2. Leningradskiy myasokombinat (for Skrypnik).
(Drying apparatus) (Meat industry--By-products)

SAFONOV, S. A. Cand Phys-Math Sci -- (diss) ^{approachable} "Groups with attainable subgroups."
Gomel', 1959. 8 pp including cover (Belorussian State Univ im V. I. Lenin),
150 copies (KL, 48-59, 113)

76(1) 16, 2000

67933

AUTHOR: Safonov, S.A.

SOV/20-130-1-6/69

TITLE: Groups With a Class of Unattainable Isoordic Π -Subgroups.

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol 130, Nr 1, pp 26-28 (USSR)

ABSTRACT: Let G be a finite group, Π be a non-empty set of prime numbers. A Π -group is a group the order of which is divisible by at least one number of Π . The subgroup is attainable if it is contained in at least one normal series of the group. Subgroups of one order are called isoordic. According to this mark the set of all subgroups of the given group decomposes into classes of isoordic subgroups. Such a class is called a class of isoordic attainable subgroups if all isoordic subgroups of the class are attainable in the group. Otherwise - class of unattainable isoordic subgroups.

Theorem: A group with a class of unattainable isoordic Π -subgroups is solvable.

The author mentions S.A.Chunikhin, P.I.Trofimov, Ye.N.Toropov, and O.Yu.Schmidt. There are 13 references, 11 of which are Soviet, 1 Italian, and 1 Hungarian.

ASSOCIATION: Belorusskiy institut inzhenerov zheleznodorozhnogo transporta (Belorussian Institute of Engineers of Railroad Transportation)

PRESENTED: September 7, 1959, by A.I.Mal'tsev, Academician

SUBMITTED: August 27, 1959

Card 1/1

SAFONOV, S.A.

Finite groups with one class of unattainable isoorder subgroups.
Dokl.AN BSSR 6 no.2:79-80 P '62. (MIRA 15:2)

1. Institut matematiki i vychislitel'noy tekhniki AN BSSR.
Predstavleno akademikom AN BSSR N.P.Yeruginym.
(Groups, Theory of)

SAFONOV, S.A.

Finite groups with two classes of unattainable isoordal subgroups. Dokl. AN BSSR 7 no.6:364-365 Je '63. (MIRA 16:10)

1. Gomel'skoye otdeleniye Instituta matematiki i vychislitel'noy tekhniki AN BSSR. Predstavleno akademikom AN BSSR N.P.Yeruginym.

RUSAKOV, S.A.; SAFONOV, S.A.

Relation between the structure of a finite group and its
 $\mathcal{G}$, $\mathcal{Z}$ -commutant. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no.3:
9-14 '62. (MIRA 18:3)

ACC NR: AP6029942

(A,N)

SOURCE CODE: UR/0413/66/000/015/0105/0105

INVENTORS: Bratus', A. D.; Sokolov, B. I.; Safronov, S. F.

ORG: none

TITLE: Installation for the detection of defects in metallic objects. Class 42, No. 184503

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 105

TOPIC TAGS: metal surface imperfection, metal test, metallurgic testing machine

ABSTRACT: This Author Certificate presents an apparatus for detecting defects in metallic objects, based on the utilization of eddy currents. The apparatus consists of two spools. One of these contains the object to be tested and the other a standard specimen. The spools are equipped with magnetizing constant current windings and with measuring alternate current windings. The latter are connected to an amplifier and to a signal detector. To increase the sensitivity of the apparatus in the detection of certain defects, the amplifier is equipped with non-linear diode transducers which transform two interdependent voltages. One of

UDC: 620.179.143-462

Card 1/2

S/196/62/000/010/016/035
E073/E155

AUTHORS: Kudryashev, L.I., and Safonov, S.F.

TITLE: Coefficient of heat transfer and resistance during
flow of a stream past an unlimited barrier

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika,
no.10, 1962, 2, abstract 10 G11. (Tr. Kuybyshevsk.
aviats. in-t, no.12, 1961, 106-111)

TEXT: The physical features relating to the mechanical and
thermal effects of a stream of finite dimensions on infinite
barriers are considered. Since the relation between the speed
and temperature is non-explicit, the dimensional method serves to
demonstrate the characteristic similarity invariance. On the
basis of this method, recommended functional relations are
obtained for Nu_0 and C_x . 3 references.

[Abstractor's note: Complete translation.]

Card 1/1

SAFONOV, S.N.

In place of two assembly pulleys, only one. Elek.i tepl.
tiaga 3 no.7:24 J1 '59. (MIRA 13:3)

1. Nachal'nik tekhnicheskogo otdela sluzhby lokomotivnogo
khozyaystva Yugo-Vostochnoy dorogi.
(Railroads--Repair shops)
(Hoisting machinery)

SAFONOV, S.N.

Device for the elimination of water leakage through the
adapter of the diesel injector nozzle. Elek.i tepl.tiaga 3
no.10:18-19 0 '59. (MIRA 13:2)
(Diesel engines)

DESHKO, Yu.I.; SAFONOV, S.S.

Socialist competition in honor of the 22d Party Congress.
TSement 27 no.5:5-7 S-0 '61. (MIRA 14:12)

1. Direktor Orgproyekttsementa (for Deshko). 2. Zamestitel'
nachal'nika otdela ekonomiki Orgproyekttsementa (for Safonov).
(Cement industries)
(Socialist competition)

/

PERSHUKOV, A.A.; SAFONOV, S.V.; Primali uchastiye: SYSOLYATIN, S.A.;
CHAPLYGINA, Ye.M.

Dressing of titanium-zirconium sands. Titan i ego splavy no.8:
8-13 '62. (MIRA 16:1)
(Titanium ores) (Zircon) (Ore dressing)

SAFONOV, V.

We need a single center. Sov.profsoiuzy 16 no.13:42 J1 '60.
(MIRA 13:8)

1. Zaveduyushchiy ~~otdelom~~ kul'turno-massovoy raboty Ukrainskogo respubli-kanskogo soveca profsoyuzov, Kiyev.
(Ukraine--Adult education)

SAFONOV, V.

New work organization for the Sormovo shipbuilders. Rech.
transp 21 no.4:29-30 Ap '62. (MIRA 15:4)

1. Zamestitel' nachal'nika otdela truda i zarabotnoy platy
zavoda "Krasnoye Sormovo".
(Gorkiy--Shipyards) (Industrial organization)

SAFONOV, V.

Practice in improving the organization of work at the "Krasnoe
Sormovo" Plant. Biul. nauch. inform.: trud i zar. plata 5 no.5:
16-22 '62. (MIRA 15:7)

(Gorkiy—Shipbuilding)

SAFONOV, V., inzh.

Gasification of dining cars. Obshchestv. pit. no.12:42 D '62.
(MIRA 16:1)

(Railroads--Dining-car service)
(Gas--Heating and cooking)

KOKOREV, V.; SAFONOV, V.

Thawing of frozen meat in a vapor-air medium. Mas. ind. SSSR
34 no.4:24-26 '63. (MIRA 16:10)

1. Ministerstvo trgovli RSFSR.

SAFONOV, V.

Efficient forms of the division of labor. Prof.-tekh. obr.
21 no.11:30 N '64 (MIRA 18:2)

1. Nachal'nik otдела truda i zarabotnoy platy zavoda "Krasnoye
Sormovo", g. Gor'kiy.

SAFONOV, Vadim

The big home of ours. Nauka i zhizn' 30 no.4:44-50 Ap '63.
(MIRA 16:7)

(Conservation of natural resources)